Sun BioPharma, Inc. to Present Results of New Study at American Pancreatic Association Meeting in Miami Beach, FL

MINNEAPOLIS, MN, November 1, 2018 (GLOBE NEWSWIRE) – Sun BioPharma, Inc. (OTCQB:SNBP), a clinical stage biopharmaceutical company specializing in disruptive therapeutics for pancreatic diseases, announced today that they will present results of a new study entitled "Effect of SBP-101 in a Mouse Model of Cerulein-induced Acute Pancreatitis" at the American Pancreatic Association meeting in Miami, FL on Nov. 1.

The study, performed in collaboration with Cedars-Sinai Medical Center in Los Angeles, CA and funded by the National Institutes of Health, evaluated the ability of SBP-101, a polyamine metabolic inhibitor (PMI), to impact the development of acute pancreatitis using different formulations and dosing regimens. "In some instances, administration of SBP-101 was able to decrease levels of amylase and lipase, markers of acute pancreatitis in the blood, and reduce swelling and inflammation in the pancreas", said Michael Walker, MD, Director of Pancreatic Research at Sun BioPharma and one of the study's co-Principal Investigators.

Acute pancreatitis is a very painful inflammatory disease that accounts for over 270,000 hospitalizations in the US each year and can lead to recurring painful relapses and even to a chronic form requiring surgery. As such, "A new treatment for acute pancreatitis would address a major unmet medical need in the United States", stated Stephen Pandol, MD, Director of Basic and Translational Pancreatic Research at Cedars-Sinai Medical Center and the other co-Principal Investigator for the study.

While the Company's primary focus remains pancreatic ductal adenocarcinoma (PDA), this new study demonstrates our continued interest in disruptive therapeutics for diseases of the pancreas. Suzanne Gagnon, MD, Chief Medical Officer for Sun BioPharma added, "We continue to investigate SBP-101 for diseases of the pancreas and are pleased to be able to move forward with some early proof of concept animal studies in pancreatitis in conjunction with our ongoing clinical development program in pancreatic cancer."

About SBP-101

SBP-101 is a first-in-class, proprietary, polyamine compound designed to exert therapeutic effects in a mechanism specific to the pancreas. Sun BioPharma originally licensed SBP-101 from the University of Florida Research Foundation in 2011. The molecule has been shown to be highly effective in preclinical studies of human pancreatic cancer models, demonstrating superior activity to existing FDA-approved chemotherapy agents. Combination therapy potential has also been shown for pancreatic cancer. SBP-101 is expected to differ from current pancreatic cancer therapies in that it specifically targets the exocrine pancreas and has shown efficacy against

primary and metastatic disease in animal models of human pancreatic cancer. Therefore, management believes that SBP-101 may effectively treat both primary and metastatic pancreatic cancer, while leaving the insulin-producing islet cells and non-pancreatic tissue unharmed. The safety and metabolic profile demonstrated in our first-in-human safety study further supports evaluation of the potential for additive or synergistic effects in combination with current standard pancreatic cancer treatment.

About Sun BioPharma

Sun BioPharma Inc. is a clinical-stage biopharmaceutical company developing disruptive therapeutics for urgent unmet medical needs. The Company's development programs target diseases of the pancreas, including pancreatic cancer and pancreatitis; the Company's initial product candidate is SBP-101 for the treatment of patients with pancreatic cancer. SBP-101 was invented by Raymond Bergeron, Ph.D., a Distinguished Professor Emeritus at the University of Florida. Sun BioPharma has scientific collaborations with pancreatic disease experts at Cedars Sinai Medical Center in Los Angeles, the University of Miami, the University of Florida, the Mayo Clinic Scottsdale, the Austin Health Cancer Trials Centre in Melbourne, Australia, the Ashford Cancer Centre in Adelaide, Australia and The Blacktown Cancer and Haemotology Centre in Sydney, Australia. The Company's independent Data Safety Monitoring Board (DSMB) is Chaired by James Abbruzzese, MD, Professor of Medicine, Charles Johnson, M.D. Professor of Medicine, a member of the Duke Cancer Institute and Chief, Division of Medical Oncology at Duke University School of Medicine. Professor David Goldstein, FRACP, Senior Staff Specialist at the Prince Henry & Prince of Wales Hospital / Cancer Care Centre in Sydney, Australia is Co-Chair of the DSMB. Further information can be found at: www.sunbiopharma.com. Sun BioPharma's common stock is currently quoted on the OTCQB tier of the over-the-counter markets administered by the OTC Markets Group, Inc. under the symbol: SNBP.

Cautionary Statement Regarding Forward-Looking Statements

This press release contains "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. For example, statements regarding the Company's next study, the timing and effects of the reverse stock split and potential eligibility and approval for listing on a national securities exchange are forward-looking statements. Any other statements that are not historical fact (including, but not limited to statements that contain words such as "will", "believes," "may," "anticipates," "expects," "estimates" or "plans") should also be considered to be forward-looking statements. Forward-looking statements are not a guarantee of future performance or results and will not necessarily be accurate indications of the times at, or by, which such performance or results will be achieved. Forward-looking statements are based on information available at the time the statements are made and involve known and unknown risks, uncertainties and other factors that may cause our results, levels of activity, performance or achievements to be materially different from the information expressed or implied by such forward-looking statements, including, without limitation, the anticipated timing of first patient enrollment, our need to obtain additional capital, which may not be available on acceptable terms or at all, risks inherent in the development and/or commercialization of potential products, uncertainty in the results or timing of clinical trials or regulatory approvals, timing of necessary regulatory processes relating to the reverse stock split, and other material changes in our business

that could jeopardize our ability to qualify for listing on a national securities exchange. Actual results may differ materially from the results anticipated in these forward-looking statements and as such should be evaluated together with the many uncertainties that affect the Company and its business, particularly those disclosed from time to time in its filings with the Securities and Exchange Commission. Stockholders and other readers are cautioned not to place undue reliance on forward-looking statements, which speak only as of the date on which they are made. The Company disclaims any intent or obligation to update these forward-looking statements.

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